Jonathan J Fortney

List of Publications by Year
in descending order

292	36,877	2669 95	3815 178
papers	citations	h-index	g-index

297	297	297	7851
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ice giant system exploration within ESAâ€™s Voyage 2050. Experimental Astronomy, 2022, 54, 1015-1025.	1.6	4
2	Atmospheric characterization of terrestrial exoplanets in the mid-infrared: biosignatures, habitability, and diversity. Experimental Astronomy, 2022, 54, 1197-1221.	1.6	21
3	Thermal Phase Curves of XO-3b: An Eccentric Hot Jupiter at the Deuterium Burning Limit. Astronomical Journal, 2022, 163, 32.	1.9	6
4	Understanding planetary context to enable life detection on exoplanets and test the Copernican principle. Nature Astronomy, 2022, 6, 189-198.	4.2	13
5	The case and context for atmospheric methane as an exoplanet biosignature. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117933119.	3.3	35
6	Microphysics of Water Clouds in the Atmospheres of Y Dwarfs and Temperate Giant Planets. Astrophysical Journal, 2022, 927, 184.	1.6	8
7	A new method to measure the spectra of transiting exoplanet atmospheres using multi-object spectroscopy. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3236-3265.	1.6	5
8	The Promise and Limitations of Precision Gravity: Application to the Interior Structure of Uranus and Neptune. Planetary Science Journal, 2022, 3, 88.	1.5	6
9	A Framework for Characterizing Transmission Spectra of Exoplanets with Circumplanetary Rings. Astrophysical Journal, 2022, 930, 50.	1.6	4
10	A New Analysis of Eight Spitzer Phase Curves and Hot Jupiter Population Trends: Qatar-1b, Qatar-2b, WASP-52b, WASP-34b, and WASP-140b. Astronomical Journal, 2022, 163, 256.	1.9	10
11	Confirmation of Water Absorption in the Thermal Emission Spectrum of the Hot Jupiter WASP-77Ab with HST/WFC3. Astronomical Journal, 2022, 163, 261.	1.9	11
12	A 1.46â€“2.48ÂÎ¼m spectroscopic atlas of a T6 dwarf (1060ÂK) atmosphere with IGRINS: first detections of H2S and H2, and verification of H2O, CH4, and NH3 line lists. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3160-3178.	1.6	8
13	Solar-to-supersolar sodium and oxygen absolute abundances for a â€˜hot Saturnâ€™ orbiting a metal-rich star. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3037-3058.	1.6	15
14	Origins Space Telescope: trades and decisions leading to the baseline mission concept. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	3
15	Hot Jupiters: Origins, Structure, Atmospheres. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006629.	1.5	53
16	Slow Cooling and Fast Reinflation for Hot Jupiters. Astrophysical Journal Letters, 2021, 909, L16.	3.0	24
17	Connecting the Gravity Field, Moment of Inertia, and Core Properties in Jupiter through Empirical Structural Models. Astrophysical Journal, 2021, 910, 38.	1.6	6
18	Composition of terrestrial exoplanet atmospheres from meteorite outgassing experiments. Nature Astronomy, 2021, 5, 575-585.	4.2	18

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19	Oxygen False Positives on Habitable Zone Planets Around Sunâ€Like Stars. AGU Advances, 2021, 2, e2020AV000294.	2.3	18
20	Evidence for disequilibrium chemistry from vertical mixing in hot Jupiter atmospheres. Astronomy and Astrophysics, 2021, 648, A127.	2.1	24
21	A comprehensive reanalysis of Spitzerâ€™s 4.5â€‰Î¼m phase curves, and the phase variations of the ultra-hot Jupiters MASCARA-1b and KELT-16b. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3316-3337.	1.6	28
22	The Dark World: A Tale of WASP-43b in Reflected Light with HST WFC3/UVIS. Astronomical Journal, 2021, 161, 269.	1.9	13
23	Waterworlds Probably Do Not Experience Magmatic Outgassing. Astrophysical Journal, 2021, 913, 107.	1.6	16
24	How to Identify Exoplanet Surfaces Using Atmospheric Trace Species in Hydrogen-dominated Atmospheres. Astrophysical Journal, 2021, 914, 38.	1.6	30
25	Haze evolution in temperate exoplanet atmospheres through surface energy measurements. Nature Astronomy, 2021, 5, 822-831.	4.2	27
26	Transmission spectroscopy with VLT FORS2: a featureless spectrum for the low-density transiting exoplanet WASP-88b. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2853-2870.	1.6	9
27	Ground-based Transmission Spectroscopy with VLT FORS2: Evidence for Faculae and Clouds in the Optical Spectrum of the Warm Saturn WASP-110b. Astronomical Journal, 2021, 162, 88.	1.9	6
28	Detection of Ionized Calcium in the Atmosphere of the Ultra-hot Jupiter WASP-76b. Astrophysical Journal Letters, 2021, 919, L15.	3.0	18
29	Spitzer Phase-curve Observations and Circulation Models of the Inflated Ultrahot Jupiter WASP-76b. Astronomical Journal, 2021, 162, 158.	1.9	27
30	Detection and Bulk Properties of the HR 8799 Planets with High-resolution Spectroscopy. Astronomical Journal, 2021, 162, 148.	1.9	39
31	Neptune Odyssey: A Flagship Concept for the Exploration of the Neptuneâ€“Triton System. Planetary Science Journal, 2021, 2, 184.	1.5	11
32	Transmission Spectroscopy for the Warm Sub-Neptune HD 3167c: Evidence for Molecular Absorption and a Possible High-metallicity Atmosphere. Astronomical Journal, 2021, 161, 18.	1.9	25
33	A unique hot Jupiter spectral sequence with evidence for compositional diversity. Nature Astronomy, 2021, 5, 1224-1232.	4.2	40
34	The Sonora Brown Dwarf Atmosphere and Evolution Models. I. Model Description and Application to Cloudless Atmospheres in Rainout Chemical Equilibrium. Astrophysical Journal, 2021, 920, 85.	1.6	114
35	Was Venus Ever Habitable? Constraints from a Coupled Interiorâ€“Atmosphereâ€“Redox Evolution Model. Planetary Science Journal, 2021, 2, 216.	1.5	25
36	A solar C/O and sub-solar metallicity in a hot Jupiter atmosphere. Nature, 2021, 598, 580-584.	13.7	82

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37	The Sonora Substellar Atmosphere Models. II. Cholla: A Grid of Cloud-free, Solar Metallicity Models in Chemical Disequilibrium for the JWST Era. Astrophysical Journal, 2021, 923, 269.	1.6	23
38	Modeling Polarization Signals from Cloudy Brown Dwarfs Luhman 16 A and B in Three Dimensions. Astrophysical Journal, 2021, 923, 113.	1.6	6
39	Detecting and Characterizing Water Vapor in the Atmospheres of Earth Analogs through Observation of the 0.94 Î¼m Feature in Reflected Light. Astronomical Journal, 2020, 159, 36.	1.9	7
40	Evidence for H2 Dissociation and Recombination Heat Transport in the Atmosphere of KELT-9b. Astrophysical Journal Letters, 2020, 888, L15.	3.0	57
41	A transition between the hot and the ultra-hot Jupiter atmospheres. Astronomy and Astrophysics, 2020, 639, A36.	2.1	45
42	The interiors of Uranus and Neptune: current understanding and open questions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190474.	1.6	27
43	Ice Giant Systems: The scientific potential of orbital missions to Uranus and Neptune. Planetary and Space Science, 2020, 191, 105030.	0.9	39
44	The Featureless Transmission Spectra of Two Super-puff Planets. Astronomical Journal, 2020, 159, 57.	1.9	61
45	Evidence for a Dichotomy in the Interior Structures of Jupiter and Saturn from Helium Phase Separation. Astrophysical Journal, 2020, 889, 51.	1.6	22
46	Aerosol composition of hot giant exoplanets dominated by silicates and hydrocarbon hazes. Nature Astronomy, 2020, 4, 951-956.	4.2	137
47	The cloudy shape of hot Jupiter thermal phase curves. Monthly Notices of the Royal Astronomical Society, 2020, 501, 78-108.	1.6	68
48	Evaluating Climate Variability of the Canonical Hot-Jupiters HD 189733b and HD 209458b through Multi-epoch Eclipse Observations. Astronomical Journal, 2020, 159, 51.	1.9	10
49	Statistical Characterization of Hot Jupiter Atmospheres Using Spitzerâ€™s Secondary Eclipses. Astronomical Journal, 2020, 159, 137.	1.9	72
50	Smaller than Expected Bright-spot Offsets in Spitzer Phase Curves of the Hot Jupiter Qatar-1b. Astronomical Journal, 2020, 159, 225.	1.9	13
51	Updated Parameters and a New Transmission Spectrum of HD 97658b. Astronomical Journal, 2020, 159, 239.	1.9	45
52	Observations of Disequilibrium CO Chemistry in the Coldest Brown Dwarfs. Astronomical Journal, 2020, 160, 63.	1.9	42
53	Characterization of the Atmosphere of Super-Earth 55 Cancri e Using High-resolution Ground-based Spectroscopy. Astronomical Journal, 2020, 160, 101.	1.9	26
54	2D Retrieval Frameworks for Hot Jupiter Phase Curves. Astronomical Journal, 2020, 160, 137.	1.9	37

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55	Prospects for Characterizing the Haziest Sub-Neptune Exoplanets with High-resolution Spectroscopy. Astronomical Journal, 2020, 160, 198.	1.9	25
56	ACCESS: Confirmation of No Potassium in the Atmosphere of WASP-31b. Astronomical Journal, 2020, 160, 230.	1.9	14
57	An Unusual Transmission Spectrum for the Sub-Saturn KELT-11b Suggestive of a Subsolar Water Abundance. Astronomical Journal, 2020, 160, 280.	1.9	21
58	Beyond Equilibrium Temperature: How the Atmosphere/Interior Connection Affects the Onset of Methane, Ammonia, and Clouds in Warm Transiting Giant Planets. Astronomical Journal, 2020, 160, 288.	1.9	55
59	Saturnâ€™s Probable Interior: An Exploration of Saturnâ€™s Potential Interior Density Structures. Astrophysical Journal, 2020, 891, 109.	1.6	24
60	Survivor Bias: Divergent Fates of the Solar Systemâ€™s Ejected versus Persisting Planetesimals. Astrophysical Journal Letters, 2020, 904, L4.	3.0	13
61	Constraining Exoplanet Metallicities and Aerosols with the Contribution to ARIEL Spectroscopy of Exoplanets (CASE). Publications of the Astronomical Society of the Pacific, 2019, 131, 094401.	1.0	15
62	A sub-Neptune exoplanet with a low-metallicity methane-depleted atmosphere and Mie-scattering clouds. Nature Astronomy, 2019, 3, 813-821.	4.2	151
63	An Ultra-Stable Mid-Infrared Sensor for the Detection of Bio-Signatures by Means of Transit Spectroscopy. , 2019, , .		3
64	The Precision of Mass Measurements Required for Robust Atmospheric Characterization of Transiting Exoplanets. Astrophysical Journal Letters, 2019, 885, L25.	3.0	70
65	Mass loss from the exoplanet WASP-12b inferred from Spitzer phase curves. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1995-2013.	1.6	43
66	Exploring a Photospheric Radius Correction to Model Secondary Eclipse Spectra for Transiting Exoplanets. Astrophysical Journal Letters, 2019, 880, L16.	3.0	8
67	Cassini Ring Seismology as a Probe of Saturnâ€™s Interior. I. Rigid Rotation. Astrophysical Journal, 2019, 871, 1.	1.6	70
68	Uranus and Neptune missions: A study in advance of the next Planetary Science Decadal Survey. Planetary and Space Science, 2019, 177, 104680.	0.9	50
69	Climate of an ultra hot Jupiter. Astronomy and Astrophysics, 2019, 625, A136.	2.1	71
70	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. Astronomical Journal, 2019, 158, 13.	1.9	270
71	ACCESS: a featureless optical transmission spectrum for WASP-19b from Magellan/IMACS. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2065-2087.	1.6	99
72	High-resolution Transit Spectroscopy of Warm Saturns. Astronomical Journal, 2019, 157, 58.	1.9	23

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73	Connecting Giant Planet Atmosphere and Interior Modeling: Constraints on Atmospheric Metal Enrichment. Astrophysical Journal Letters, 2019, 874, L31.	3.0	72
74	The Intrinsic Temperature and Radiativeâ€“Convective Boundary Depth in the Atmospheres of Hot Jupiters. Astrophysical Journal Letters, 2019, 884, L6.	3.0	82
75	Water Vapor and Clouds on the Habitable-zone Sub-Neptune Exoplanet K2-18b. Astrophysical Journal Letters, 2019, 887, L14.	3.0	183
76	Spitzer Phase Curves of KELT-1b and the Signatures of Nightside Clouds in Thermal Phase Observations. Astronomical Journal, 2019, 158, 166.	1.9	63
77	Ground-based optical transmission spectrum of the hot Jupiter HAT-P-1b. Astronomy and Astrophysics, 2019, 631, A169.	2.1	12
78	Do Metal-rich Stars Make Metal-rich Planets? New Insights on Giant Planet Formation from Host Star Abundances* â€. Astronomical Journal, 2019, 158, 239.	1.9	32
79	Investigating Trends in Atmospheric Compositions of Cool Gas Giant Planets Using Spitzer Secondary Eclipses. Astronomical Journal, 2019, 158, 217.	1.9	19
80	Exoplanet Reflected-light Spectroscopy with PICASO. Astrophysical Journal, 2019, 878, 70.	1.6	68
81	An Empirical Massâ€“Radius Relation for Cool Giant Planets. Research Notes of the AAS, 2019, 3, 128.	0.3	8
82	Phase Curves of WASP-33b and HD 149026b and a New Correlation between Phase Curve Offset and Irradiation Temperature. Astronomical Journal, 2018, 155, 83.	1.9	103
83	Detection of a westward hotspot offset in the atmosphere of hot gas giant CoRoT-2b. Nature Astronomy, 2018, 2, 220-227.	4.2	79
84	Bayesian Analysis of Hot-Jupiter Radius Anomalies: Evidence for Ohmic Dissipation?. Astronomical Journal, 2018, 155, 214.	1.9	121
85	An L Band Spectrum of the Coldest Brown Dwarf. Astrophysical Journal, 2018, 858, 97.	1.6	39
86	Clear and Cloudy Exoplanet Forecasts for JWST: Maps, Retrieved Composition, and Constraints on Formation with MIRI and NIRCam. Astronomical Journal, 2018, 156, 40.	1.9	28
87	Spitzer secondary eclipses of Qatar-1b. Astronomy and Astrophysics, 2018, 610, A55.	2.1	9
88	Detecting Water in the Atmosphere of HR 8799 c with L-band High-dispersion Spectroscopy Aided by Adaptive Optics. Astronomical Journal, 2018, 156, 272.	1.9	25
89	The LEECH Exoplanet Imaging Survey: Limits on Planet Occurrence Rates under Conservative Assumptions. Astronomical Journal, 2018, 156, 286.	1.9	44
90	The Interior of Saturn. , 2018, , 44-68.		6

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91	Detection of Helium in the Atmosphere of the Exo-Neptune HAT-P-11b. Astrophysical Journal Letters, 2018, 868, L34.	3.0	73
92	Color Classification of Extrasolar Giant Planets: Prospects and Cautions. Astronomical Journal, 2018, 156, 158.	1.9	24
93	The Transiting Exoplanet Community Early Release Science Program for JWST. Publications of the Astronomical Society of the Pacific, 2018, 130, 114402.	1.0	100
94	From thermal dissociation to condensation in the atmospheres of ultra hot Jupiters: WASP-121b in context. Astronomy and Astrophysics, 2018, 617, A110.	2.1	230
95	Exploring H₂O Prominence in Reflection Spectra of Cool Giant Planets. Astrophysical Journal, 2018, 858, 69.	1.6	20
96	An HST/WFC3 Thermal Emission Spectrum of the Hot Jupiter HAT-P-7b. Astronomical Journal, 2018, 156, 10.	1.9	70
97	H^{â”} Opacity and Water Dissociation in the Dayside Atmosphere of the Very Hot Gas Giant WASP-18b. Astrophysical Journal Letters, 2018, 855, L30.	3.0	217
98	An HST/STIS Optical Transmission Spectrum of Warm Neptune GJ 436b. Astronomical Journal, 2018, 155, 66.	1.9	33
99	The Origins Space Telescope. Nature Astronomy, 2018, 2, 596-599.	4.2	41
100	Modeling Exoplanetary Atmospheres: An Overview. Astrophysics and Space Science Library, 2018, , 51-88.	1.0	4
101	Characterizing Earth Analogs in Reflected Light: Atmospheric Retrieval Studies for Future Space Telescopes. Astronomical Journal, 2018, 155, 200.	1.9	94
102	Global Climate and Atmospheric Composition of the Ultra-hot Jupiter WASP-103b from HST and Spitzer Phase Curve Observations. Astronomical Journal, 2018, 156, 17.	1.9	156
103	Atmospheric Retrieval for Direct Imaging Spectroscopy of Gas Giants in Reflected Light. II. Orbital Phase and Planetary Radius. Publications of the Astronomical Society of the Pacific, 2017, 129, 034401.	1.0	39
104	Planet-induced Stellar Pulsations in HAT-P-2's Eccentric System. Astrophysical Journal Letters, 2017, 836, L17.	3.0	36
105	SPITZERPHASE CURVE CONSTRAINTS FOR WASP-43b AT 3.6 AND 4.5Î¼m. Astronomical Journal, 2017, 153, 68.	1.9	157
106	Metal Enrichment Leads to Low Atmospheric C/O Ratios in Transiting Giant Exoplanets. Astrophysical Journal Letters, 2017, 838, L9.	3.0	95
107	HAT-P-26b: A Neptune-mass exoplanet with a well-constrained heavy element abundance. Science, 2017, 356, 628-631.	6.0	175
108	Characterizing 51 Eri b from 1 to 5ÂÎ¼m: A Partly Cloudy Exoplanet. Astronomical Journal, 2017, 154, 10.	1.9	110

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109	Time-series Analysis of Broadband Photometry of Neptune from K2. Astronomical Journal, 2017, 153, 149.	1.9	9
110	NEAR-INFRARED EMISSION SPECTRUM OF WASP-103B USING HUBBLE SPACE TELESCOPE/WIDE FIELD CAMERA 3*. Astronomical Journal, 2017, 153, 34.	1.9	58
111	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. Astrophysical Journal, 2017, 834, 151.	1.6	128
112	FORWARD AND INVERSE MODELING OF THE EMISSION AND TRANSMISSION SPECTRUM OF GJ 436B: INVESTIGATING METAL ENRICHMENT, TIDAL HEATING, AND CLOUDS. Astronomical Journal, 2017, 153, 86.	1.9	122
113	A new statistical method for characterizing the atmospheres of extrasolar planets. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4557-4563.	1.6	3
114	Observing the Atmospheres of Known Temperate Earth-sized Planets with JWST. Astrophysical Journal, 2017, 850, 121.	1.6	222
115	Gemini/GMOS Transmission Spectral Survey: Complete Optical Transmission Spectrum of the Hot Jupiter WASP-4b. Astronomical Journal, 2017, 154, 95.	1.9	59
116	Analytic Scattering and Refraction Models for Exoplanet Transit Spectra. Astrophysical Journal, 2017, 850, 128.	1.6	44
117	Uniform Atmospheric Retrieval Analysis of Ultracool Dwarfs. II. Properties of 11 T dwarfs. Astrophysical Journal, 2017, 848, 83.	1.6	80
118	High signal-to-noise spectral characterization of the planetary-mass object HDâ€‰106906â€‰b. Astronomy and Astrophysics, 2017, 608, A71.	2.1	13
119	Quantifying the Impact of Spectral Coverage on the Retrieval of Molecular Abundances from Exoplanet Transmission Spectra. Publications of the Astronomical Society of the Pacific, 2017, 129, 104402.	1.0	4
120	ACCESS I. AN OPTICAL TRANSMISSION SPECTRUM OF GJ 1214b REVEALS A HETEROGENEOUS STELLAR PHOTOSPHERE. Astrophysical Journal, 2017, 834, 151.	1.6	1
121	VLT FORS2 COMPARATIVE TRANSMISSION SPECTROSCOPY: DETECTION OF Na IN THE ATMOSPHERE OF WASP-39b FROM THE GROUND. Astrophysical Journal, 2016, 832, 191.	1.6	105
122	THE WATER ABUNDANCE OF THE DIRECTLY IMAGED SUBSTELLAR COMPANION Îº AND b RETRIEVED FROM A NEAR INFRARED SPECTRUM. Astrophysical Journal, 2016, 823, 14.	1.6	45
123	THE IMPACT OF NON-UNIFORM THERMAL STRUCTURE ON THE INTERPRETATION OF EXOPLANET EMISSION SPECTRA. Astrophysical Journal, 2016, 829, 52.	1.6	113
124	THE FIRST DETECTION OF PHOTOMETRIC VARIABILITY IN A Y DWARF: WISE J140518.39+553421.3. Astrophysical Journal, 2016, 823, 152.	1.6	42
125	Detection of the secondary eclipse of Qatar-1b in theKs band. Astronomy and Astrophysics, 2016, 595, A61.	2.1	8
126	HST HOT-JUPITER TRANSMISSION SPECTRAL SURVEY: CLEAR SKIES FOR COOL SATURN WASP-39b. Astrophysical Journal, 2016, 827, 19.	1.6	73

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127	BAYESIAN EVOLUTION MODELS FOR JUPITER WITH HELIUM RAIN AND DOUBLE-DIFFUSIVE CONVECTION. Astrophysical Journal, 2016, 832, 113.	1.6	24
128	K2-97b: A (RE-?)INFLATED PLANET ORBITING A RED GIANT STAR. Astronomical Journal, 2016, 152, 185.	1.9	82
129	NO THERMAL INVERSION AND A SOLAR WATER ABUNDANCE FOR THE HOT JUPITER HD 209458B FROM HST/WFC3 SPECTROSCOPY. Astronomical Journal, 2016, 152, 203.	1.9	144
130	THE ATMOSPHERIC CIRCULATION OF A NINE-HOT-JUPITER SAMPLE: PROBING CIRCULATION AND CHEMISTRY OVER A WIDE PHASE SPACE. Astrophysical Journal, 2016, 821, 9.	1.6	134
131	DIRECT MEASURE OF RADIATIVE AND DYNAMICAL PROPERTIES OF AN EXOPLANET ATMOSPHERE. Astrophysical Journal Letters, 2016, 820, L33.	3.0	44
132	THE FIRST SPECTRUM OF THE COLDEST BROWN DWARF. Astrophysical Journal Letters, 2016, 826, L17.	3.0	46
133	Transiting Exoplanet Studies and Community Targets forJWST's Early Release Science Program. Publications of the Astronomical Society of the Pacific, 2016, 128, 094401.	1.0	98
134	TRANSITIONS IN THE CLOUD COMPOSITION OF HOT JUPITERS. Astrophysical Journal, 2016, 828, 22.	1.6	238
135	DYNAMICAL CONSTRAINTS ON THE CORE MASS OF HOT JUPITER HAT-P-13B. Astrophysical Journal, 2016, 821, 26.	1.6	59
136	THE LEECH EXOPLANET IMAGING SURVEY: CHARACTERIZATION OF THE COLDEST DIRECTLY IMAGED EXOPLANET, GJ 504 b, AND EVIDENCE FOR SUPERSTELLAR METALLICITY*. Astrophysical Journal, 2016, 817, 166.	1.6	68
137	3.6 AND 4.5 Î¼m SPITZER PHASE CURVES OF THE HIGHLY IRRADIATED HOT JUPITERS WASP-19b AND HAT-P-7b. Astrophysical Journal, 2016, 823, 122.	1.6	129
138	THE MASSâ€“METALLICITY RELATION FOR GIANT PLANETS. Astrophysical Journal, 2016, 831, 64.	1.6	273
139	Detection of secondary eclipses of WASP-10b and Qatar-1b in the Ks band and the correlation between Ks-band temperature and stellar activity.. Proceedings of the International Astronomical Union, 2016, 12, 363-370.	0.0	0
140	BENCHMARK TRANSITING BROWN DWARF LHS 6343 C: SPITZER SECONDARY ECLIPSE OBSERVATIONS YIELD BRIGHTNESS TEMPERATURE AND MID-T SPECTRAL CLASS. Astrophysical Journal Letters, 2016, 822, L6.	3.0	8
141	THE HUNT FOR PLANET NINE: ATMOSPHERE, SPECTRA, EVOLUTION, AND DETECTABILITY. Astrophysical Journal Letters, 2016, 824, L25.	3.0	53
142	A SEARCH FOR WATER IN THE ATMOSPHERE OF HAT-P-26b USING LDSS-3C. Astrophysical Journal, 2016, 817, 141.	1.6	86
143	NEPTUNEâ€™S DYNAMIC ATMOSPHERE FROM KEPLER K2 OBSERVATIONS: IMPLICATIONS FOR BROWN DWARF LIGHT CURVE ANALYSES. Astrophysical Journal, 2016, 817, 162.	1.6	39
144	A continuum from clear to cloudy hot-Jupiter exoplanets without primordial water depletion. Nature, 2016, 529, 59-62.	13.7	714

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145	CHARACTERIZING TRANSITING EXOPLANET ATMOSPHERES WITH JWST. Astrophysical Journal, 2016, 817, 17.	1.6	356
146	RE-INFLATED WARM JUPITERS AROUND RED GIANTS. Astrophysical Journal, 2016, 818, 4.	1.6	77
147	THE TRANSIT TRANSMISSION SPECTRUM OF A COLD GAS GIANT PLANET. Astrophysical Journal, 2015, 814, 154.	1.6	55
148	SPITZERSECONDARY ECLIPSE OBSERVATIONS OF FIVE COOL GAS GIANT PLANETS AND EMPIRICAL TRENDS IN COOL PLANET EMISSION SPECTRA. Astrophysical Journal, 2015, 810, 118.	1.6	52
149	A DETECTION OF WATER IN THE TRANSMISSION SPECTRUM OF THE HOT JUPITER WASP-12b AND IMPLICATIONS FOR ITS ATMOSPHERIC COMPOSITION. Astrophysical Journal, 2015, 814, 66.	1.6	212
150	3.6 AND 4.5Î¼m PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. Astrophysical Journal, 2015, 811, 122.	1.6	97
151	THERMAL EMISSION AND REFLECTED LIGHT SPECTRA OF SUPER EARTHS WITH FLAT TRANSMISSION SPECTRA. Astrophysical Journal, 2015, 815, 110.	1.6	196
152	Detection of the secondary eclipse of WASP-10b in theKs-band. Astronomy and Astrophysics, 2015, 574, A103.	2.1	14
153	THE ATMOSPHERIC CIRCULATION OF THE HOT JUPITER WASP-43b: COMPARING THREE-DIMENSIONAL MODELS TO SPECTROPHOTOMETRIC DATA. Astrophysical Journal, 2015, 801, 86.	1.6	116
154	LOW FALSE POSITIVE RATE OFKEPLERCANDIDATES ESTIMATED FROM A COMBINATION OFSPITZERAND FOLLOW-UP OBSERVATIONS. Astrophysical Journal, 2015, 804, 59.	1.6	62
155	NEAR-INFRARED THERMAL EMISSION DETECTIONS OF A NUMBER OF HOT JUPITERS AND THE SYSTEMATICS OF GROUND-BASED NEAR-INFRARED PHOTOMETRY. Astrophysical Journal, 2015, 802, 28.	1.6	67
156	EFFECT OF LONGITUDE-DEPENDENT CLOUD COVERAGE ON EXOPLANET VISIBLE WAVELENGTH REFLECTED-LIGHT PHASE CURVES. Astrophysical Journal, 2015, 804, 94.	1.6	56
157	SPITZERSECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-$20{m b}$ USING PIXEL-LEVEL DECORRELATION. Astrophysical Journal, 2015, 805, 132.	1.6	212
158	THREE-DIMENSIONAL ATMOSPHERIC CIRCULATION OF WARM AND HOT JUPITERS: EFFECTS OF ORBITAL DISTANCE, ROTATION PERIOD, AND NONSYNCHRONOUS ROTATION. Astrophysical Journal, 2015, 801, 95.	1.6	113
159	UNIFORM ATMOSPHERIC RETRIEVAL ANALYSIS OF ULTRACOOL DWARFS. I. CHARACTERIZING BENCHMARKS, Gl 570D AND HD 3651B. Astrophysical Journal, 2015, 807, 183.	1.6	101
160	A non-grey analytical model for irradiated atmospheres. Astronomy and Astrophysics, 2015, 574, A35.	2.1	65
161	GASEOUS MEAN OPACITIES FOR GIANT PLANET AND ULTRACOOL DWARF ATMOSPHERES OVER A RANGE OF METALLICITIES AND TEMPERATURES. Astrophysical Journal, Supplement Series, 2014, 214, 25.	3.0	259
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